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16698U.S. PTO
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 20-010-DIV

First Inventor or Application Identifier KERBER

Title SELF-ALIGNED JUNCTION PASSIVATION FOR SUPERCONDUCTOR INTEGRATED CIRCUIT

Express Mail Label No.

APPLICATION ELEMENTS
 See MPEP chapter 600 concerning utility patent application contents.
S P T
16834
10/8/14512
ADDRESS TO: Commissioner for Patents
Mail Stop Patent Application
Arlington, VA 22202

1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 26]
 -Descriptive title of the Invention
 -Cross Reference to Related Applications
 -Background of the Invention
 -Summary of the Invention
 -Brief Description of the Drawings
 -Detailed Description of the Preferred Embodiment
 -Claims
 -Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
 4. Oath or Declaration [Total Sheets 3]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 C.F.R. § 1.63 (d))
(for continuation/divisional with Box 16 completed)
 i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. Microfiche Computer Program (Appendix)
 6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 a. Computer Readable Copy
 b. Paper Copy (identical to computer copy)
 c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
Assignee: NORTHROP GRUMMAN
CORPORATION
 8. 37 C.F.R. § 3.73(b)
Statement (when there is an assignee) Power of Attorney
 9. English Translation Document (if applicable)
 10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
 11. Preliminary Amendment
 12. Return Receipt Postcard (MPEP 503)
(should be specifically itemized)
*Small Entity Statement(s) Statement filed in prior application,
(PTO/SB/09-12) Status still proper and desired
 13. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
 14. Other:

*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)

16. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation Divisional Continuation-in-part (CIP) of prior application No. 10/364,981

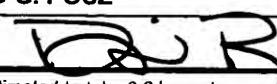
Prior application information: Examiner BAUMEISTER, Bradley W Group/Art Unit: 2815

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	23400	or <input type="checkbox"/> Correspondence address below (Insert Customer No. or Attach bar code label here)
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Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	(703) 707-9110

Name (Print/type)	DAVID G. POSZ	Registration No. (Attorney/Agent)	37,701
Signature			
	Date	April 1, 2004	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Arlington, VA 22202. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)
770

Complete if Known	
Application Number	
Filing Date	April 1, 2004
First Named Inventor	KERBER
Examiner Name	
Art Unit	
Attorney Docket No.	20-010-DIV

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account

Deposit Account Number
50-1147

Deposit Account Name
POSZ & BETHARDS, PLC

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
- Charge any additional fee(s) during the pendency of this application
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee (\$)	
1001	2001	385	Utility filing fee
1002	2002	170	Design filing fee
1003	2003	265	Plant filing fee
1004	2004	385	Reissue filing fee
1005	2005	80	Provisional filing fee
SUBTOTAL (1) (\$)			770

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
8	-20**=	0	X 18 = 0
Independent Claims	- 3**=	0	X 86 = 0
Multiple Dependent			=

Large Entity	Small Entity	Fee Description
Fee Code	Fee Code	Fee (\$)
1202	2202	9
1201	2201	43
1203	2203	145
1204	2204	43
1205	2205	9
SUBTOTAL (2) (\$)		

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES	Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee (\$)	Fee Description	
1051	130	2051	65 Surcharge – late filing fee or oath	
1052	50	2052	25 Surcharge – late provisional filing fee or cover sheet	
1053	130	1053	130 Non-English specification	
1812	2,520	1812	2,520 For filing a request for ex parte reexamination	
1804	920*	1804	920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840* Requesting publication of SIR after Examiner action	
1251	110	2251	55 Extension for reply within first month	
1252	420	2252	210 Extension for reply within second month	
1253	950	2253	475 Extension for reply within third month	
1254	1,480	2254	740 Extension for reply within fourth month	
1255	2,010	2255	1005 Extension for reply within fifth month	
1401	330	2401	165 Notice of Appeal	
1402	330	2402	165 Filing a brief in support of an appeal	
1403	290	2403	145 Request for oral hearing	
1451	1,510	1451	1,510 Petition to institute a public use proceeding	
1452	110	2452	55 Petition to revive – unavoidable	
1453	1,330	2453	665 Petition to revive – unintentional	
1501	1,330	2501	665 Utility issue fee (or reissue)	
1502	480	2502	240 Design issue fee	
1503	640	2503	320 Plant issue fee	
1460	130	1460	130 Petitions to the Commissioner	
1807	50	1807	50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180 Submission of Information Disclosure Stmt	
8021	40	8021	40 Recording each patent assignment per property (times number of properties)	
1809	770	2809	385 Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385 For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385 Request for Continued Examination (RCE)	
1802	900	1802	900 Request for expedited examination of a design application	
Other fee (specify) _____				

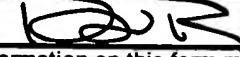
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

0

SUBMITTED BY

Complete if applicable

Name (Print/Type)	DAVID G. POSZ	Registration No. (Attorney/Agent)	37,701	Telephone	(703) 707-9110
Signature				Date	April 1, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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